

Amendments to the Claims

This listing of claims replaces all prior versions, and listings, of claims in the application.

Listing of Claims

Claim 1. (Currently amended)[[:]] A disposable cassette ~~consisting of~~ comprising at least one first part in which channel structures are cut out in ~~the~~ a surface thereof and ~~of~~ a second part covering ~~it~~ the first part in a sealing manner, with engagement regions for ~~actuator elements~~ actuators being provided at pre-determined points, ~~characterized in that~~ at least one of the first part ~~and/or~~ and the second part ~~are made rigidly for the greater part; in that they, however, have flexibly made regions having a construction that includes a rigid material with a flexible material region associated therewith, with the rigid material and the flexible regions material region being manufactured in of a one piece, using two-component injection molding technology~~ molded construction.

Claim 2. (Currently amended)[[:]] A The disposable cassette in accordance with claim 1, wherein the flexible ~~regions are formed~~ material region is provided in the engagement regions for the ~~actuator elements~~ actuators.

~~Claim 3.~~ (Currently amended)[[:]] A The disposable cassette in accordance with claim 1, wherein at least ~~some~~ one of the channels ~~consist~~ is constructed of the flexible material.

~~Claim 4.~~ (Currently amended)[[:]] A The disposable cassette in accordance with claim 1, wherein the actuators are valves ~~are used as actuators.~~

~~Claim 5.~~ (Currently amended)[[:]] A The disposable cassette in accordance with claim 1, wherein the actuators are membrane pumps ~~are used as actuators.~~

~~Claim 6.~~ (Currently amended)[[:]] A The disposable cassette in accordance with claim 1, wherein the actuators are at least one of restrictors ~~or~~ and metering valves ~~are used as actuators.~~

~~Claim 7.~~ (Currently amended)[[:]] A The disposable cassette in accordance with claim 1, wherein the ~~region of the channels in which the actuators are coupled are made~~ engagement region of the channel is shallower and with has a larger channel cross-section relative to a remaining region of the channel.

~~Claim 8.~~ (Currently amended)[[:]] A The disposable cassette in accordance with claim 2, wherein at least ~~some~~ one of the channels ~~consist~~ is constructed of the flexible material.

~~Claim~~ 9. (Currently amended)[[:]] A The disposable cassette in accordance with claim 2, wherein the actuators are valves ~~are used as actuators.~~

~~Claim~~ 10. (Currently amended)[[:]] A The disposable cassette in accordance with claim 3, wherein the actuators are valves ~~are used as actuators.~~

~~Claim~~ 11. (Currently amended)[[:]] A The disposable cassette in accordance with claim 2, wherein the actuators are membrane pumps ~~are used as actuators.~~

~~Claim~~ 12. (Currently amended)[[:]] A The disposable cassette in accordance with claim 3, wherein the actuators are membrane pumps ~~are used as actuators.~~

~~Claim~~ 13. (Currently amended)[[:]] A The disposable cassette in accordance with claim 2, wherein the actuators are at least one of restrictors or and metering valves ~~are used as actuators.~~

~~Claim~~ 14. (Currently amended)[[:]] A The disposable cassette in accordance with claim 3, wherein the actuators are at least one of restrictors or and metering valves ~~are used as actuators.~~

~~Claim 15.~~ (Currently amended)[[:]] A The disposable cassette in accordance with claim 2, wherein the ~~region of the channels in which the actuators are coupled are made~~ engagement region of the channel is shallower and with has a larger channel cross-section relative to a remaining region of the channel.

~~Claim 16.~~ (Currently amended)[[:]] A The disposable cassette in accordance with claim 3, wherein the ~~region of the channels in which the actuators are coupled are made~~ engagement region of the channel is shallower and with has a larger channel cross-section relative to a remaining region of the channel.

~~Claim 17.~~ (Currently amended)[[:]] A The disposable cassette in accordance with claim 4, wherein the ~~region of the channels in which the actuators are coupled are made~~ engagement region of the channel is shallower and with has a larger channel cross-section relative to a remaining region of the channel.

~~Claim 18.~~ (Currently amended)[[:]] A The disposable cassette in accordance with claim 5, wherein the ~~region of the channels in which the actuators are coupled are made~~ engagement region of the channel is shallower and with has a larger channel cross-section relative to a remaining region of the channel.

~~Claim 19.~~ (Currently amended)[[:]] A The disposable cassette in accordance with claim 6, wherein the ~~region of the channels in which the actuators are coupled are made~~ engagement region of the channel is shallower and with has a larger channel cross-section relative to a remaining region of the channel.

20. (New) A disposable fluid cassette comprising:

(i) a first part having a rigid plastic construction with a channel provided in a surface thereof for guiding a fluid, (ii) an engagement region for cooperation with a fluid transport actuator, the engagement region having a flexible elastomeric material construction and being integral with the first part by a one piece, two-component injection molded construction, and (iii) a second part having a rigid construction that sealingly covers the first part and the engagement region,

the engagement region being configured to be acted upon by the actuator such that a space defined by the flexible elastomeric material, which is in communication with the fluid guidance channel, is reduced or enlarged in volume so as to convey the fluid therethrough.